

paper 4

PTO/SB/08A

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

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Sheet	1	of	2	Attorney Docket No.	ENV 985
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Complete if Known

49

Application Number	09/693,418
Filing Date	10/20/2000
Confirmation Number	1265
First Named Inventor	Brian M. Burmaster, et al
Group Art Unit	1754
Examiner Name	Unknown

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FEB 15 2001

TC 1700

Date of Publication of Cited  
Document  
MM-DD-YYYY SUB-  
CLASS CLASS

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY SUB- CLASS CLASS
		Number	Kind Code <sup>2</sup> (if known)		
JW	1	3,752,877		David K. Beavon	08/14/73 423-244
JW	2	4,088,743		Robert H. Hass, et al.	05/09/78 423-539
JW	3	4,113,849		Gilbert Richard Atwood	09/12/78 423-574R
JW	4	4,279,882		David K. Beavon	07/21/81 423-574R
JW	5	4,552,747		B. Gene Goar	11/12/85 423-574R
JW	6	4,576,814		Robert H. Hass, et al.	03/18/86 423-573G
JW	7	4,632,818		Michael S. K. Chen, et al.	12/30/86 423-574R
JW	8	4,632,819		Herbert Fischer, et al.	12/30/86 423-574R
JW	9	4,659,553		Gerhard Linde	04/21/87 423-243
JW	10	4,795,620		Michael Heisel, et al.	01/03/89 423-243
JW	11	5,304,361		Paul J. Parisi	04/19/94 423-220
JW	12	5,439,664		Michael Heisel, et al.	08/08/95 423-5671
JW	13	5,556,606		Tofik K. Khanmamedov	09/17/96 423-228
JW	14	5,628,977		Michael Heisel, et al.	05/13/97 423-5731

Examiner Signature	Timothy Varnoy	Date Considered	March 18 2002
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<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

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Sheet	2	of	2	Attorney Docket No.	ENV 9851.1
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TC 1700

15	5,851,265	Brian M. Burmaster, et al.	12/22/98
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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>6</sup>
jen	16	BRIAN M. BURMASTER, et al., "ClausMaster™ An Integrated Claus Process with Sulfur Dioxide Recovery", presented at the Sulfur '97 Conference, Vienna, Austria, November, 1997, total number of pages 14	
jen	17	KENNETH P. GOODBOY, et al., "Sulfur and Carbon Deposition on Claus Catalysts Examined", <i>Oil and Gas Journal</i> , November 4, 1985, total number of pages 7	
	18	LEWIS G. HARRUFF, "Saudi Arabian Experience with DGA-Units and Related Sulfur Plants", <i>Lab-Research &amp; Development Center, Saudi Arabian Oil Co. (Saudi Aramco), Dhahran, Saudi Arabia</i> , pp. 76-98	
jen	19	A. JOHNSON, et al., "Techniques Curb Catalyst Deactivation at Sulfur Plant", <i>Technology, Oil and Gas Journal</i> , October 26, 1987, pp. 33-40	
jen	20	MAX SCHMIDT, "Fundamental Chemistry of Sulfur Dioxide Removal and Subsequent Recovery Via Aqueous Scrubbing", <i>Int. J. Sulfur Chem.</i> , (1972), pp. 11-19, Part B, Vol. 7, Number 1	
jen	21	C. DONALD SWAIM, JR., "The Shell Claus Offgas Treating (SCOT) Process", <i>Sulfur Removal and Recovery</i> , June 6, 1974, pp. 111-119	
	22	"Claus Sulfur Recovery Process", pp. 3-1 to 3-31 (author/date unknown)	

Examiner Signature	Timothy Vansy	Date Considered	March 18 2002
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Timothy Vansy Jan. 27 2003

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**SUPPLEMENTAL  
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STATEMENT BY APPLICANT**

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#5 **Compl te if Known**

				Application Number	09/693,418
				Filing Date	October 20, 2000
				Confirmation Number	1265
				First Named Inventor	Brian M. Burmaster et al.
				Group Art Unit	1754
				Examiner Name	Unknown
Sheet	1	of	2	Attorney Docket No.	ENV 9851.1

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code <sup>2</sup> (if known)		
Jan	23	3,896,215		Karl Bratzler et al.	07/22/1975 20423-573
Jan	24	4,889,700		Jean Elgue et al.	12/26/1989 20423-220
Jan	25	5,035,810		Michael Heisel et al.	07/30/1991 210-750

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T <sup>6</sup>
		Office	Number <sup>4</sup>	Kind Code <sup>2</sup> (if known)			
Jan	26	EP	0 581 026	A1	Union Carbide Chemicals & Plastics Technology Corporation	02/02/1994	

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Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>6</sup>

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STATEMENT BY APPLICANT**

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Application Number	09/693,418
Filing Date	October 20, 2000
Confirmation Number	1265
First Named Inventor	Brian M. Burmaster et al.
Group Art Unit	1754
Examiner Name	Unknown

Sheet

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Attorney Docket No.

ENV 9851.1

<i>jw</i>	27	Partial International Search Report for International Application No. PCT/US 00/29022 filed October 20, 2000	
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Sheet 1 of 1 Attorney Docket No. EN 9851.1-100

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		Number	Kind Code <sup>2</sup> (if known)		
jon	28	2,067,311		H. Baehr	01/12/1937 — —
jon	29	5,820,837		B.S. Marjanovich et al.	10/13/1998 423-220

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T <sup>6</sup>
		Office	Number <sup>4</sup>	Kind Code <sup>2</sup> (if known)			
jon	30	WO	92/20431		Exxon Chemical Patents, Inc.	11/26/1992	

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Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>6</sup>
jon	31	International Search Report for International Application No. PCT/US 00/29022 filed October 20, 2000	

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